

Work Order ID 141741 -1

141741

February 10, 2016 3:08:21 PM

Page 1

Item ID: D139-799-015

Accept

N9000040100

Setup Start *NS1*

Revision ID:

Item Name: Engine Wash

Stop *NS2*

Start Date: 2/10/2016 Start Qty: 8.00

8

Cust Item ID:

Required Date: 3/16/2016 Req'd Qty: 8.00

8

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
IIN-D139-799	K		DAS	6					MLJ 1603-03
			9-89						(P)
100	Document Control	0.00							
100									
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile &type labels per PPP D139-799-015 CHG005								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

Ship March 16

7X DAS 27 9-89
7X DAS 28 9-89
7X DAS 27 9-89
MAR 03 2016
MAR 15 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐	OTHER :							

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141741

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Required Date: 3/16/2016 Req'd Qty: 8.00

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Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D139-799-015								
	Location: _____								
	PPP rev: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.01							
Quality Control									

WAS 27 9-89
 DAS 27 9-89
 DAS 28 9-89

MAR 15 2016

MLJ

MAR 15 2016

MLJ MAR 15 2016

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval		
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Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Picklist Print

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Work Order ID: 141741

141741

Parent Item: D139-799-015

D139-799-015

Parent Item Name: Engine Wash

Start Date: 2/10/2016

Required Date: 3/16/2016

Start Qty: 8.00

Required Qty: 8.00

Comments: IPP Rev:B 11.07.04 new issue DD verf:JLM IPP REV:B
AS PER ECN 11-598 11-06-05 JLM VERF BY:DD IPP Rev:C 11.09.27
PER CHG003 DD verf:EC IPP Rev:D 13.09.24 PER
CHG005/ECN13-579 DD verf:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D4121-1

Manufactured

No

110

Each

8.0000

2

1614

D4121-1

Hose Assy

**

B 141749 x 10

3x

B 141982

DAS

6

8-89

DAS

28

9-89

Location

Loc Qty

Loc Code

FG

3

114101

1

132053

2

ST213

5

137293

1

141290

4

D4121-3

Manufactured

No

110

Each

7.0000

1

87

D4121-3

Hose Assy

**

141750 x 5

DAS

6

9-89

DAS

28

9-89

Location

Loc Qty

Loc Code

FG

1

91535

1

ST213

5

137268

1

140524

4

ST214

1

129024

1

MAK U 4 2010

2x

3

Picklist Print

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Parent Item: D139-799-015

D139-799-015

Parent Item Name: Engine Wash

Start Date: 2/10/2016

Required Date: 3/16/2016

Start Qty: 8.00

Required Qty: 8.00

D4121-5

Manufactured No

110 Each

7.0000

D4121-5

Hose Assy

**

1

87

141751X3

DAS

6

DAS

9-89

28

9-89

Location

Loc Qty

Loc Code

ST213

7

137227

3

140525

4

D4131-041

Manufactured No

110 Each

3.0000

D4131-041

Manifold Assembly

**

1

87

141752X5

DAS

6

DAS

9-89

28

9-89

Location

Loc Qty

Loc Code

ST085

3

136395

3

D4131-043

Manufactured No

110 Each

5.0000

D4131-043

Doubler Assembly

**

1

87

141753X5

DAS

6

DAS

9-89

28

9-89

Location

Loc Qty

Loc Code

ST085

5

138225

5

D4146-1

Manufactured No

110 Each

3.0000

D4146-1

Fitting

**

2

1614

141754

DAS

6

DAS

9-89

28

9-89

Location

Loc Qty

Loc Code

ST085

3

137090

3

MAR 04 2016

Picklist Print

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Page 3

Work Order ID: 141741

141741

Parent Item: D139-799-015

D139-799-015

Parent Item Name: Engine Wash

Start Date: 2/10/2016

Required Date: 3/16/2016

Start Qty: 8.00

Required Qty: 8.00

D4182-1 Manufactured No

110 Each

9.0000

D4182-1

Fitting, Quick Disconnect

**

Location

Loc Qty

Loc Code

ST089

9

138966

4

140529 3x

5

D4384-1 Manufactured No

110 Each

9.0000

D4384-1

Placard

**

Location

Loc Qty

Loc Code

FG

5

80679

5

ST095

4

140782 1x

4

AN526-1032R16 Purchased No

110 Each

37.0000

AN526-1032R16

Screw

**

Location

Loc Qty

Loc Code

ST326

37

m133234 25x

37

AN832-6J Purchased No

110 Each

19.0000

AN832-6J

Union

**

Location

Loc Qty

Loc Code

CCK06

18

m133234 3x

8

m134134

10

ST332

1

m133031

1

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Shop Packet Print

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Picklist Print

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Work Order ID: 141741

141741

Parent Item: D139-799-015

D139-799-015

Parent Item Name: Engine Wash

Start Date: 2/10/2016

Required Date: 3/16/2016

Start Qty: 8.00

Required Qty: 8.00

AN924-6J

Purchased

No

110

Each

17.0000

AN924-6.1

NUT

**

4 3/28
134257X10
134396X17

68-6

9

SVC

DAS

28

9-89

Location

Loc Qty

Loc Code

FG

4

123245

2

m132256

2

ST322

13

m133686

1X

13

Each

158.0000

**

5
20 100 140

134294X40

68-6

9

SVC

DAS

28

9-89

Location

Loc Qty

Loc Code

over008

100

m134142

100X

100

ST293

58

m133234

58

110

Each

115.0000

**

102

18

3/28

68-6

9

SVC

DAS

28

9-89

Location

Loc Qty

Loc Code

ST265

115

m131026

5X

15

m133992

100

9

23

MAR 04 2016

NAS1149C0932R

Purchased

No

NAS1149C0932R

WASHER

BAS

27

9-89

5.0 PARTS LIST

Qty -011	Qty -012	Qty -015	Qty -017	Qty -019	Qty -112	Qty -211	Qty -212	Qty -213	Part Number	Description
X									D139-799-011	MAINTENANCE STEP KIT, LH
	X								D139-799-012	MAINTENANCE STEP KIT, RH
		X							D139-799-015	ENGINE WASH KIT
			X						D139-799-017	CARGO FLOOR PROTECTOR KIT
				X					D139-799-019	CABIN FLOOR PROTECTOR KIT
					X				D139-799-112	MAINTENANCE STEP WITH GRAB BAR KIT, RH
						X			D139-799-211	QUICK RELEASE MAINTENANCE STEP KIT, LH
							X		D139-799-212	QUICK RELEASE MAINTENANCE STEP KIT, RH
								X	D139-799-213	QUICK RELEASE MAINTENANCE STEP PROVISIONS KIT
			2						D3580-1	JOGGLE BRACKET
			2	8					D3628-1	CUPPED WASHER
1									D4092-041	MAINTENANCE STEP ASSEMBLY
	1								D4092-042	MAINTENANCE STEP ASSEMBLY
		2							D4121-1	HOSE ASSEMBLY
		1							D4121-3	HOSE ASSEMBLY
		1							D4121-5	HOSE ASSEMBLY
				1					D4130-1	FWD CABIN FLOOR PROTECTOR
				1					D4130-3	AFT CABIN FLOOR PROTECTOR
			1						D4130-5	FWD CARGO FLOOR PROTECTOR
			1						D4130-7	CENTER CARGO FLOOR PROTECTOR
			1						D4130-9	AFT CARGO FLOOR PROTECTOR
		1							D4131-041	MANIFOLD ASSEMBLY
		1							D4131-043	DOUBLER ASSEMBLY
		2							D4146-1	FITTING
			1						D4153-1	JOGGLE BRACKET
			1						D4153-3	JOGGLE BRACKET
				4					D4153-5	CLAMP PLATE
			2						D4166-1	PLACARD, MAX LOAD
		2							D4182-1	FITTING, QUICK DISCONNECT
		1							D4384-1	PLACARD
					1				D4526-042	MAINTENANCE STEP ASSEMBLY, RH
						1			D5238-041	MAINTENANCE STEP ASSEMBLY
							1		D5238-042	MAINTENANCE STEP ASSEMBLY
						1	1	1	D5238-043	LOWER BRACKET, AFT
						1	1	1	D5238-045	LOWER BRACKET, FWD
						1	1	1	D5245-1	MOUNTING BOLT
2	2				2	2	2	2	AN6H12A	BOLT
2	2				2	1	1	1	AN6H13A	BOLT
		4							AN526-1032R16	SCREW
		2							AN832-6J	UNION
		4							AN924-6J	NUT
		20							MS21919WDG09	CLAMP
6	6				6	5	5	5	NAS1149D0663J	WASHER (or AN960JD616)
		4							NAS1149C0932R	WASHER (or AN960C916L)